

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
 Data File : BG021963.D
 Acq On : 19 May 2016 14:50
 Operator : UM/SJ
 Sample : H3092-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XC2

Manual Integrations
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Quant Time: May 20 06:48:24 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 05:44:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39271	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	204533	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	119137	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	239918	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	207352	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	197385	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1943	2.27	ng/uL	0.00
3) Phenol-d5	7.31	99	43275	12.48	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	23191	12.56	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	38363	13.47	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	30679	9.93	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	18548	12.93	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	20254	13.23	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	34229	12.65	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	27622	12.96	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	126540	13.78	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	170306	14.39	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	7991m	4.95	ng/ul	0.02
21) Fluorene-d10	15.77	176	112196	13.57	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.88	200	10103	8.49	ng/ul	0.00
26) Anthracene-d10	17.62	188	158228m	14.31	ng/ul	0.00
30) Pyrene-d10	19.90	212	163118	14.91	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.90	264	128734	14.69	ng/ul	0.00

Target Compounds

					Qvalue	
25) Phenanthrene	17.57	178	20956	1.63	ng/ul	97
28) Fluoranthene	19.57	202	47479	3.56	ng/ul#	92
31) Pyrene	19.93	202	41440m	2.90	ng/ul	
32) Benzo(a)anthracene	21.78	228	25418	2.21	ng/ul	98
33) Chrysene	21.85	228	23856	2.13	ng/ul	94
35) Benzo(b)fluoranthene	24.07	252	36874	3.25	ng/ul#	89
36) Benzo(k)fluoranthene	24.13	252	12485m	1.12	ng/ul	
38) Benzo(a)pyrene	24.97	252	23876	2.20	ng/ul#	84
39) Indeno(1,2,3-cd)pyrene	28.93	276	19770m	1.60	ng/ul	
41) Benzo(g,h,i)perylene	30.13	276	18572m	1.78	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

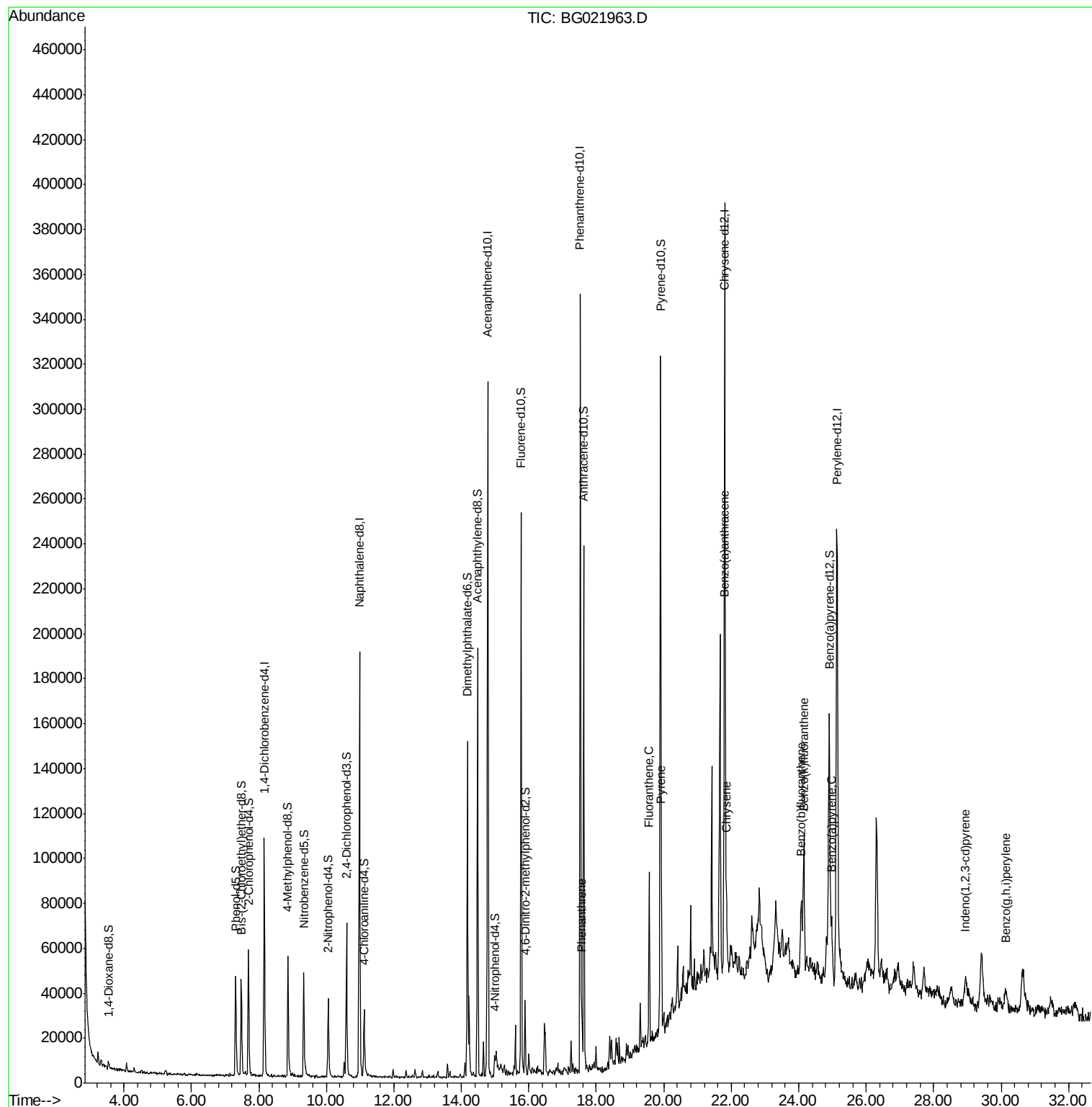
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
Data File : BG021963.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

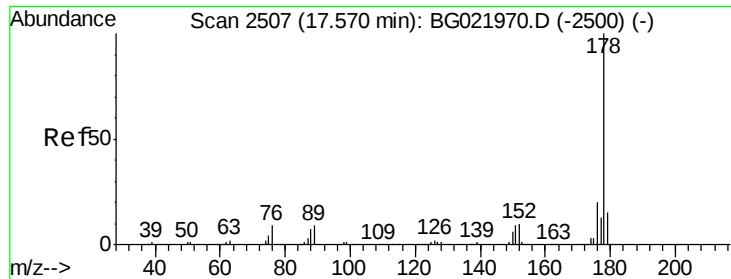
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 05:44:47 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 1.63 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG021963.D

Acq: 19 May 2016 14:50

Instrument :

BNA_G

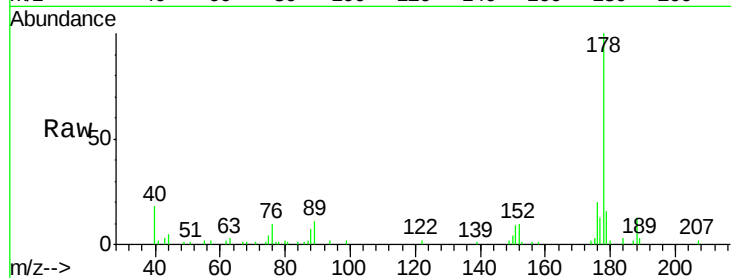
ClientSampleId :

D9XC2

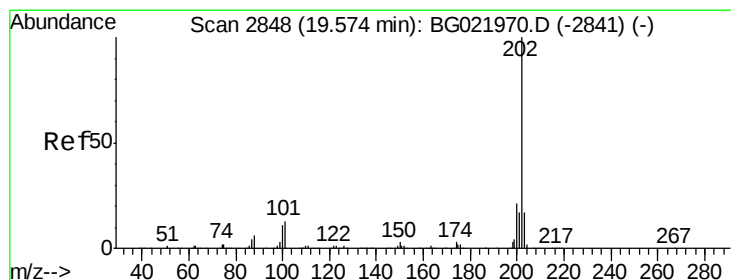
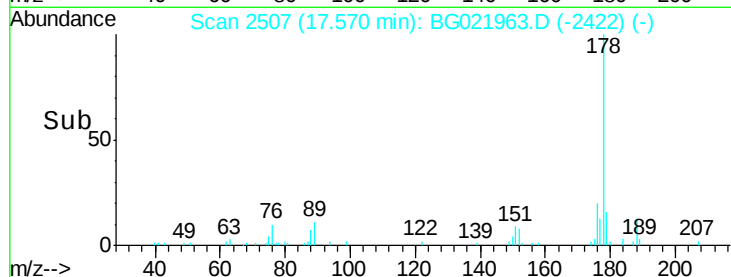
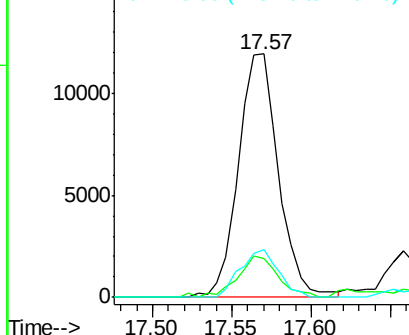
Tgt Ion:	178	Resp:	20956
Ion Ratio	Lower	Upper	
178	100		
179	15.7	11.8	17.8
176	19.7	14.8	22.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#28

Fluoranthene

Concen: 3.56 ng/ul

RT: 19.57 min Scan# 2847

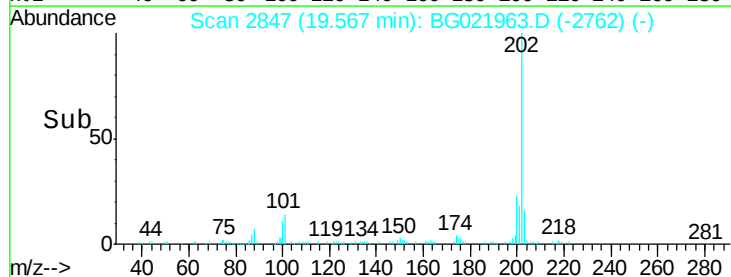
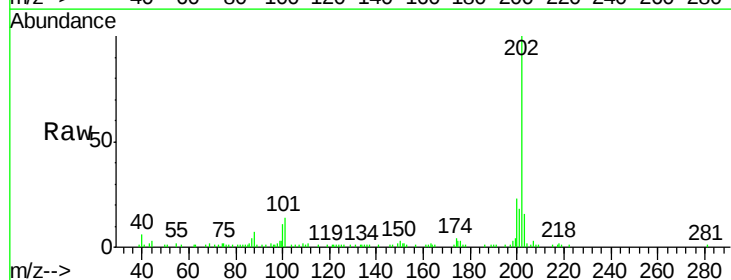
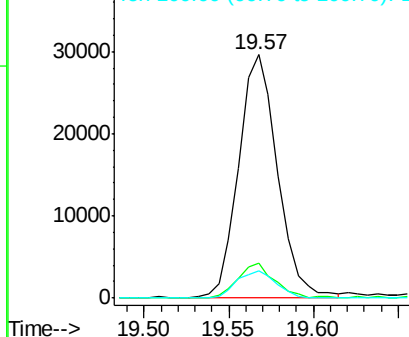
Delta R.T. -0.00 min

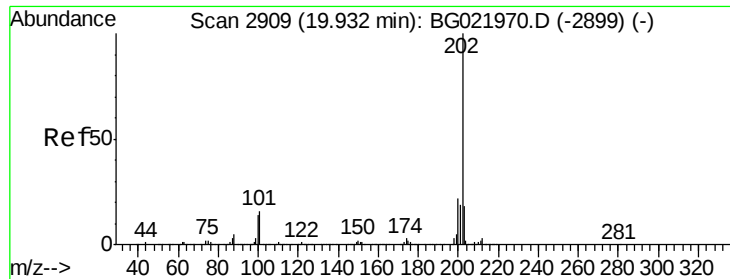
Lab File: BG021963.D

Acq: 19 May 2016 14:50

Tgt Ion:	202	Resp:	47479
Ion Ratio	Lower	Upper	
202	100		
101	14.4	8.9	13.3#
100	11.4	7.0	10.4#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#31

Pyrene

Concen: 2.90 ng/ul m

RT: 19.93 min Scan# 2909

Delta R.T. 0.00 min

Lab File: BG021963.D

Acq: 19 May 2016 14:50

Instrument :

BNA_G

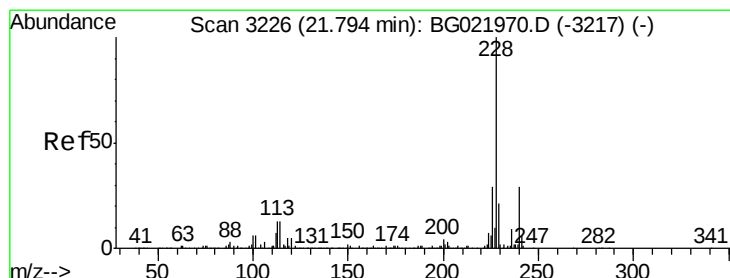
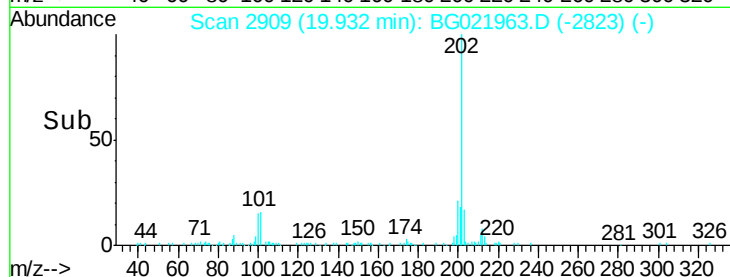
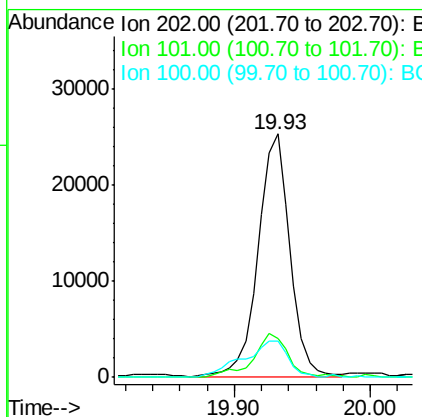
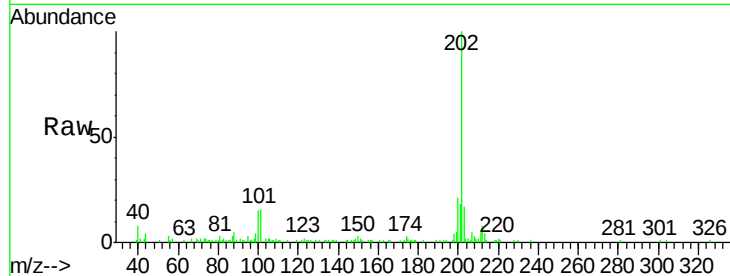
ClientSampleId :

D9XC2

Tgt Ion:	202	Resp:	41440
Ion Ratio	Lower	Upper	
202	100		
101	16.1	9.8	14.8#
100	14.8	9.3	13.9#

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#32

Benzo(a)anthracene

Concen: 2.21 ng/ul

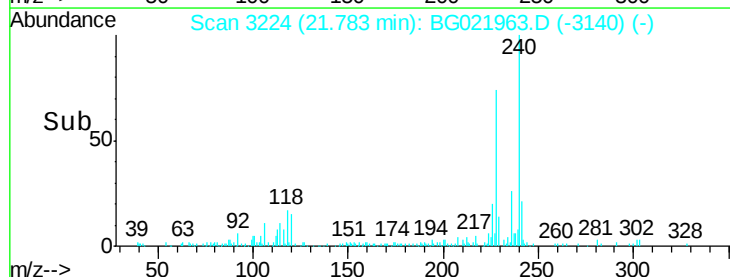
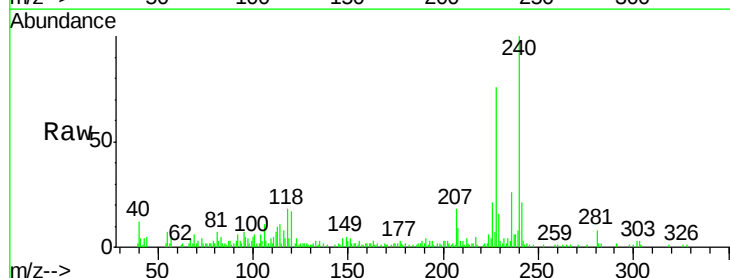
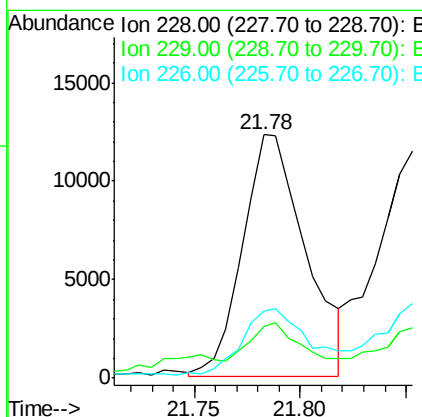
RT: 21.78 min Scan# 3224

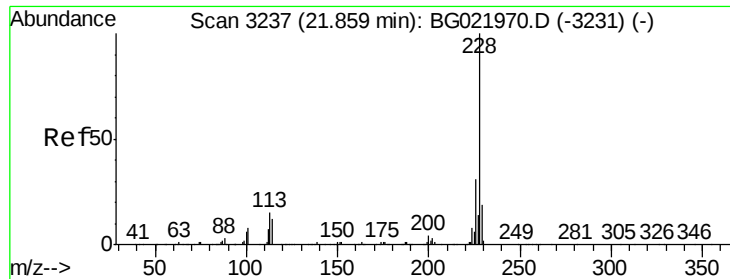
Delta R.T. -0.01 min

Lab File: BG021963.D

Acq: 19 May 2016 14:50

Tgt Ion:	228	Resp:	25418
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.6	25.0
226	27.8	21.0	31.4





#33

Chrysene

Concen: 2.13 ng/ul

RT: 21.85 min Scan# 3236

Delta R.T. -0.00 min

Lab File: BG021963.D

Acq: 19 May 2016 14:50

Instrument :

BNA_G

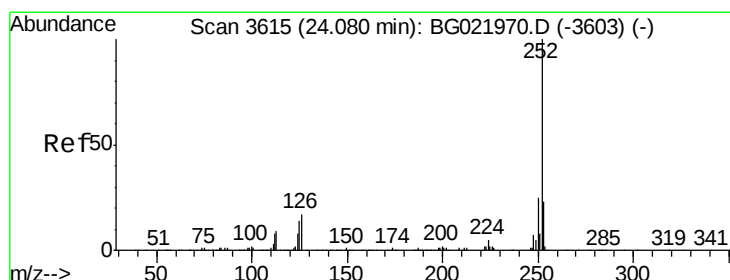
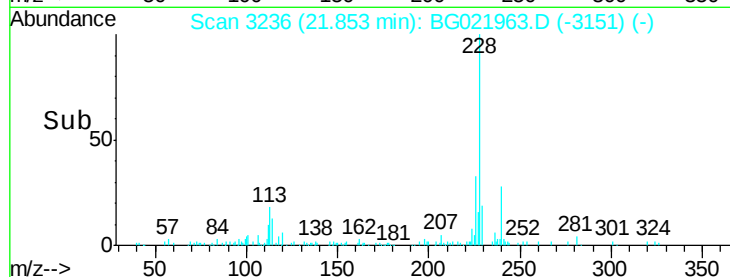
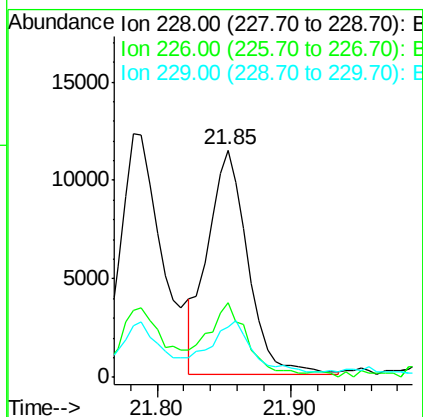
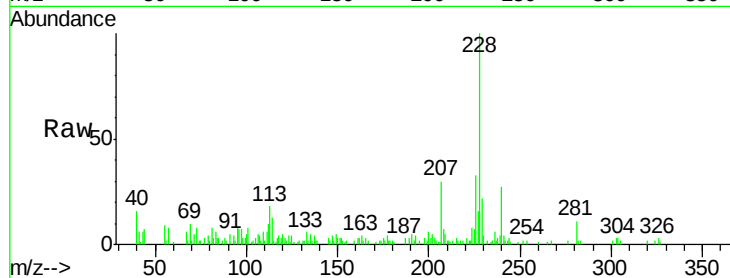
ClientSampleId :

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Tgt Ion:	228	Resp:	23856
Ion Ratio	Lower	Upper	
228	100		
226	32.9	23.4	35.2
229	22.4	16.2	24.2

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#35

Benzo(b)fluoranthene

Concen: 3.25 ng/ul

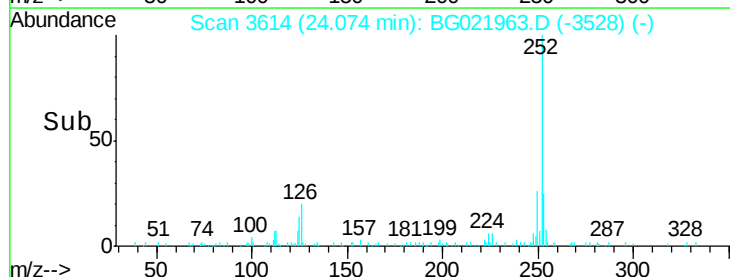
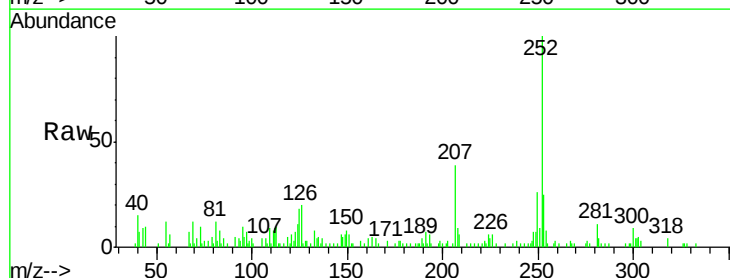
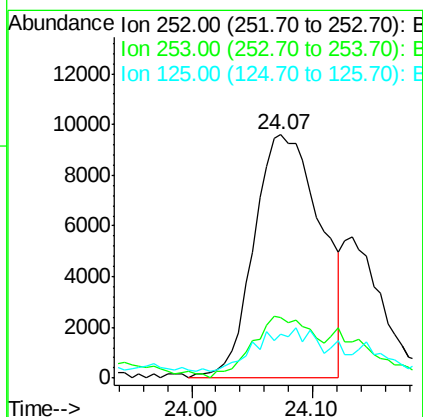
RT: 24.07 min Scan# 3614

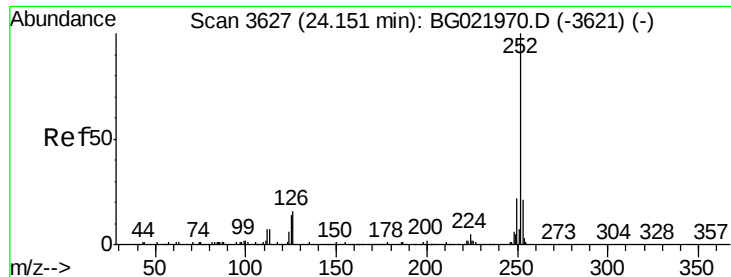
Delta R.T. 0.00 min

Lab File: BG021963.D

Acq: 19 May 2016 14:50

Tgt Ion:	252	Resp:	36874
Ion Ratio	Lower	Upper	
252	100		
253	25.1	18.1	27.1
125	18.1	7.6	11.4#





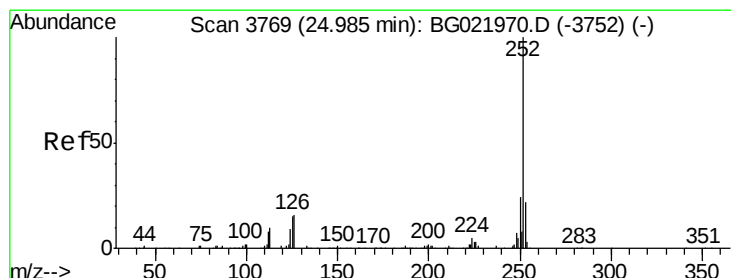
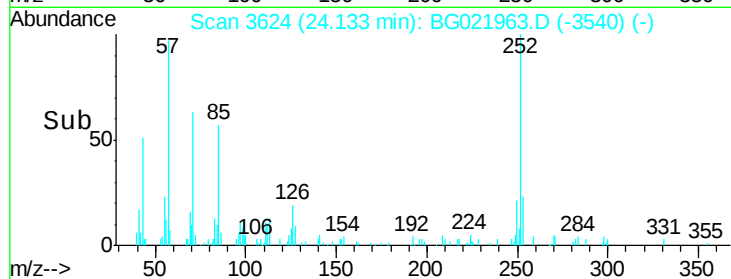
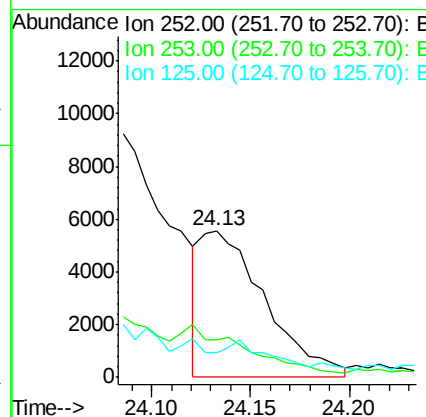
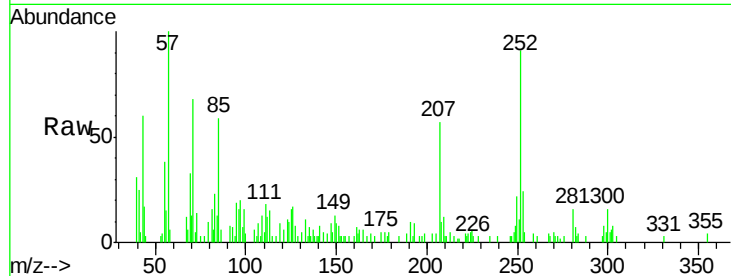
#36
Benzo(k)fluoranthene
Concen: 1.12 ng/ul m
RT: 24.13 min Scan# 3624
Delta R.T. -0.01 min
Lab File: BG021963.D
Acq: 19 May 2016 14:50

Instrument :
BNA_G
ClientSampleId :
D9XC2

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.9	17.8	26.8
125	17.0	7.7	11.5

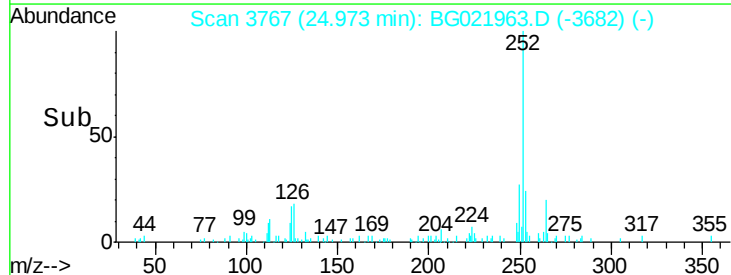
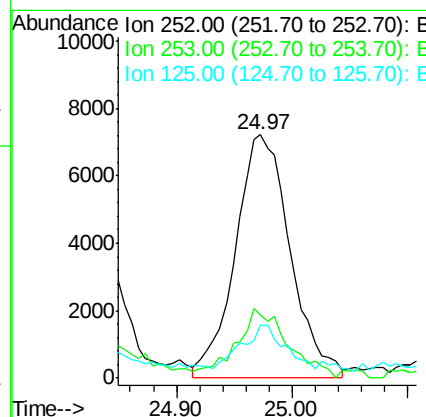
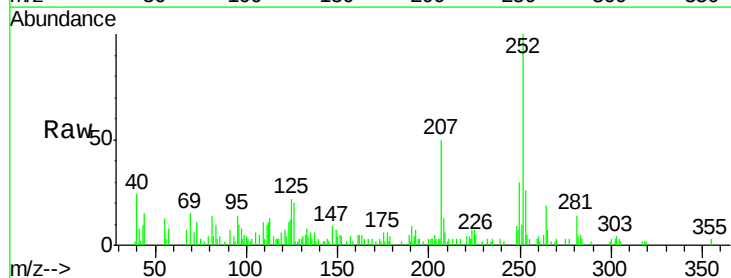
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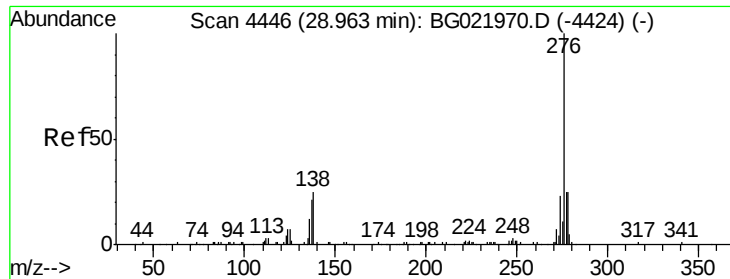
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#38
Benzo(a)pyrene
Concen: 2.20 ng/ul
RT: 24.97 min Scan# 3767
Delta R.T. -0.00 min
Lab File: BG021963.D
Acq: 19 May 2016 14:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	26.2	17.4	26.0
125	21.6	8.2	12.2





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.60 ng/ul m

RT: 28.93 min Scan# 4441

Delta R.T. -0.00 min

Lab File: BG021963.D

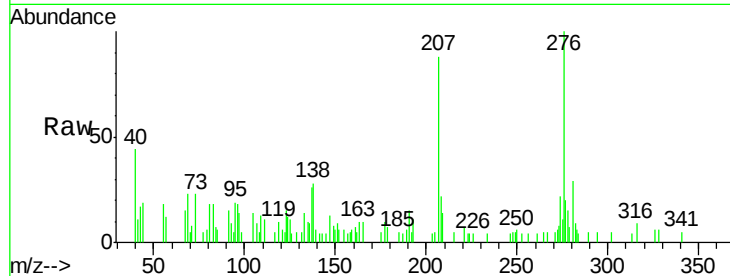
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Instrument :

BNA_G

ClientSampleId :

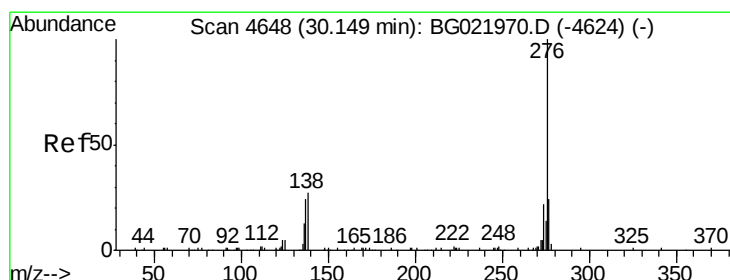
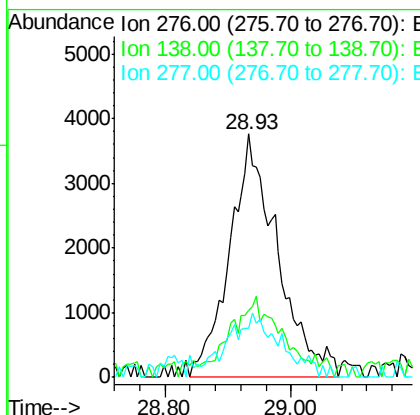
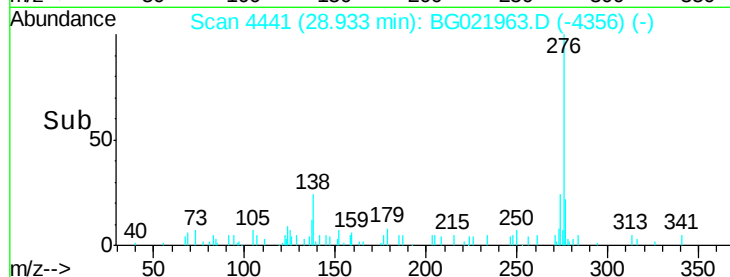
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	15.8	23.6#
277	20.2	19.0	28.6

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#41

Benzo(g,h,i)perylene

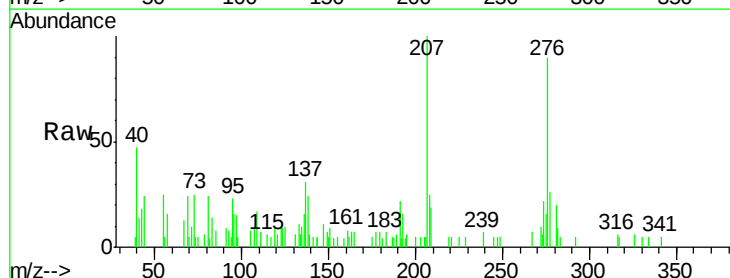
Concen: 1.78 ng/ul m

RT: 30.13 min Scan# 4644

Delta R.T. -0.00 min

Lab File: BG021963.D

Acq: 19 May 2016 14:50



Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	13.9	20.9#
277	29.1	19.8	29.6

